



## **TENURE TRACK FACULTY POSITION IN SYSTEMS ENGINEERING**

The Department of Industrial and Systems Engineering, and Engineering Management (ISEEM) at The University of Alabama in Huntsville (UAH) invites applications and nominations for a tenure-track faculty position in systems engineering. The position is at the rank of tenure-track Assistant Professor, although in exceptionally qualified cases substantiated by a significant track record, appointment at appropriate higher ranks will be considered. Duties include research, teaching and service with a focus on empirical research on the design and development of complex engineered systems.

Applicant qualifications should include: (a) a Ph.D. in engineering or related field; (b) evidence of capability to establish a successful externally funded research program; (c) a strong commitment to teach and mentor undergraduate and graduate students in a research university; (d) interest in working in a cross-disciplinary team environment across multiple academic and research units; (e) have an interest in performing university and professional service. An ability to obtain security clearance is desirable. Work or research experience in the defense and aerospace industries or a background in modeling and simulation is also desirable.

The department has joint research initiatives underway with NASA, the Army, and NSF to provide opportunities for new faculty to develop their research interests. ISEEM has a large student body with over 200 students in the BS, MSE, and PhD programs. Graduate concentrations are offered in Systems Engineering, Engineering Management, and Industrial Engineering. The ISEEM department has research strengths in the broad areas of engineering management, systems engineering, and industrial engineering. The faculty is involved in a number of on-going research thrust areas including: engineering team development; mental model development and comparisons; systems modeling and simulation; value driven design; the development of affordability models for future space systems; and electronics manufacturing systems.

UAH is ranked as a “very high research activity” Tier 1 institution by the Carnegie Foundation for the Advancement of Teaching. The College of Engineering is comprised of five Departments and has the largest enrollment of the university’s five academic colleges. The research focus in the college includes three of several National Academy of Engineering (NAE) grand challenge problems. More recently, our focus has expanded to include energy conversion and storage. For the upcoming few years, a new and exciting initiative on aerospace and systems engineering is underway. The campus is located in the midst of a high technology community consisting of Fortune 500 corporations, NASA’s Marshall Space Flight Center, and the Redstone Arsenal Army Base.

Consideration of applications will begin immediately, and the search will remain open until the position is filled. Application material (in pdf format) including a cover letter, curriculum vitae, contact information (including name, address, email address and phone numbers) for at least three references, and separate statements of research plans and teaching interests, should be sent to [iseem-search@eng.uah.edu](mailto:iseem-search@eng.uah.edu). The anticipated starting date is August 20, 2014. An earlier start date of January 1, 2014 is possible. UAH is an Affirmative Action/Equal Opportunity Employer. Consistent with our core values of integrity, respect, diligence, excellence, inclusiveness and diversity, the university strongly encourages applications from members of all under-represented groups.